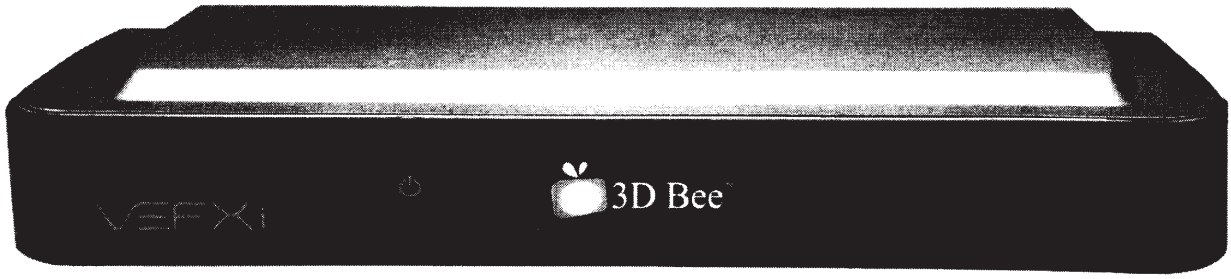
3D-Bee™

The 3D-Bee Diamond
User Guide



3D-Bee Diamond: Realtime 2D to 3D Converter

English, Français, Deutsch, 中文, Español, 日本語, 한국어

3D-Bee™

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PACKAGE CONTENTS

3D-Bee Diamond remote control, two AAA batteries for remote control, power cord, user guide

CONTENU DU PAQUET

3D-Bee Diamond, télécommande, deux piles AAA pour le télécommande, cordon d'alimentation, mode d'emploi

PACKGUT

3D-Bee Diamond, Fernbedienung, zwei Micro-Batterien für die Fernbedienung, Netz-kabel, Benutzerhandbuch

包装内容

3D-Bee Diamond, 遥控器, 两组用于远程控制的AAA电池, 电源线, 用户指南

CONTENIDO DEL PAQUETE

3D-Bee Diamond, control remoto, dos pilas AAA para el control remoto, cable de alimentación, el manual del usario

パッケージ内容

3D-Bee Diamond、 リモコン、単四電池2個 (リモコン用)、電源コード、ユーザーガイド

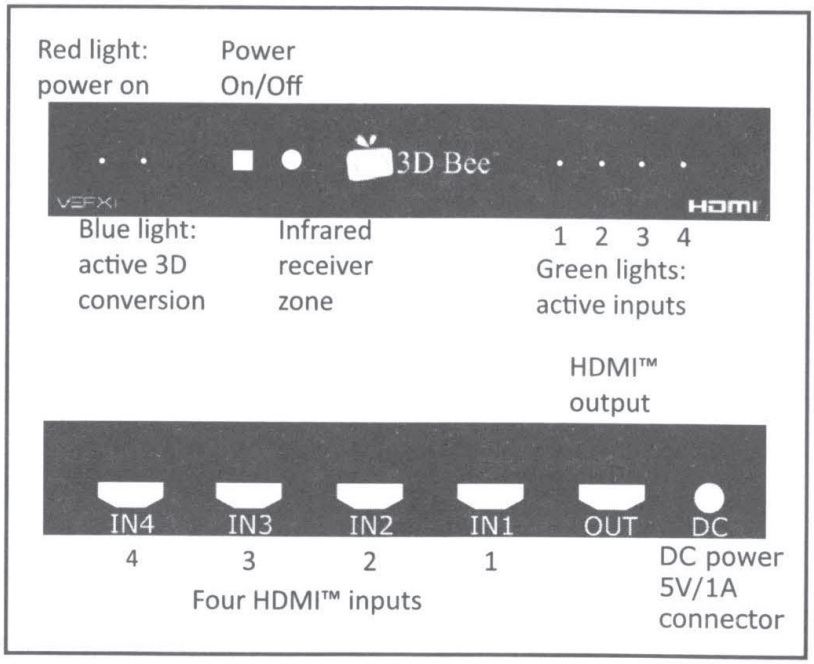
포장 내용물

3D-Bee Diamond, 원격 조정기, 원격 조정기용 2개의 배터리, 전원 코드, 사용자 안내서

USER GUIDE

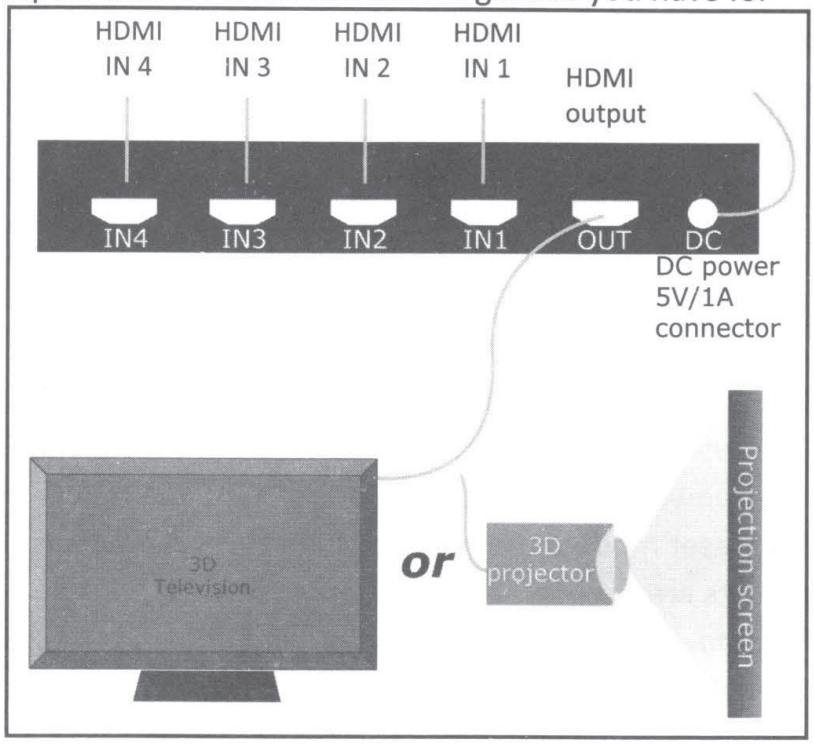
3D-Bee Diamond Features and Specifications

There are four HDMI™ inputs to connect devices such as DVD/Blu-ray player, game console, media player, PC, etc. This converter supports side-by-side and frame-sequential formats of 3D video output. The side-by-side 3D format is the recommended format for watching 3D output from the converter on a 3D TV. For this output mode, the input 2D video must be at 720p, 1080i or 1080p resolution with frame rate between 24Hz and 60Hz.



Frame-sequential 3D format is the required input format by many 3D projectors. For this mode, the 2D video input to the converter must be 720p at either 50Hz or 60Hz frame rate. The output from the converter is at 720p video at a frame rate of 100 or 120Hz.

Video source devices that do not have HDMI outputs can be connected to the 3D-Bee Diamond through third party adapter boxes. Please use the 3D glasses you have for your 3D TV or 3D projector to watch converted content.



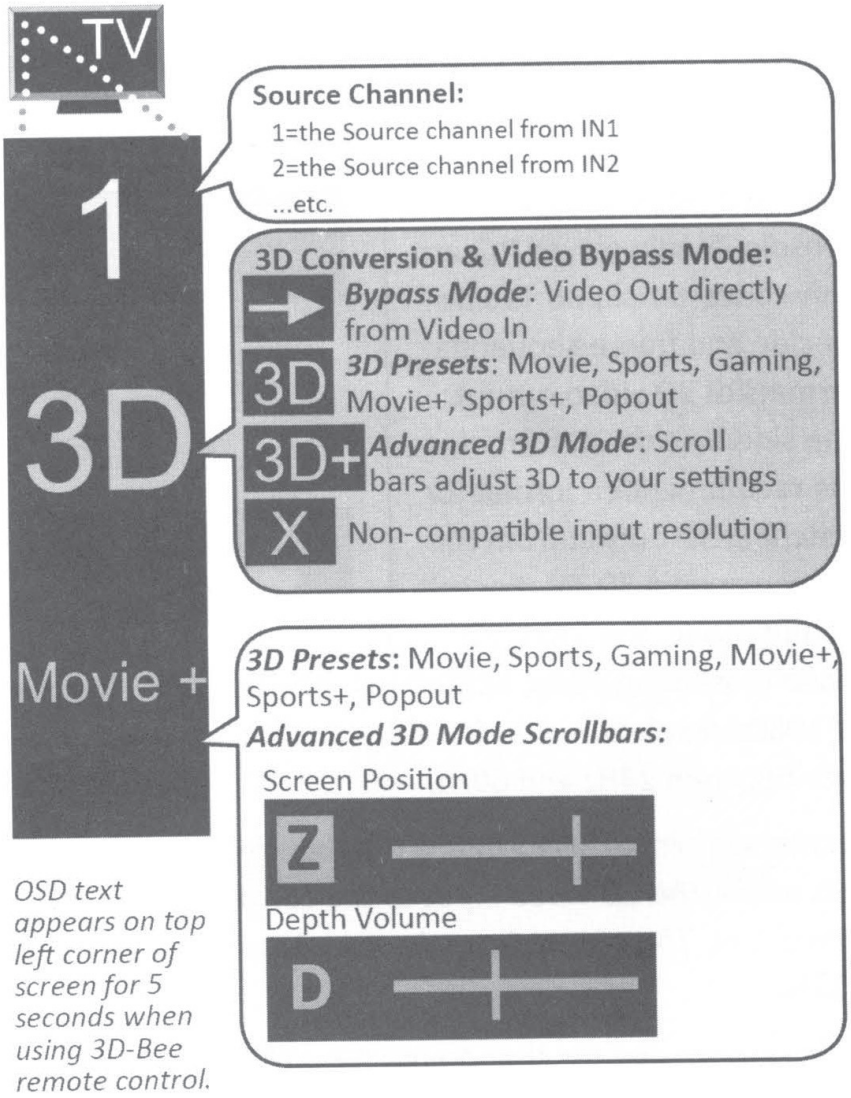
Connecting your 3D-Bee & 3D TV or 3D-ready 720p projector

SET UP: Using a high speed HDMI cable connect the 3D-Bee HDMI OUT to the HDMI IN port of your 3D TV or 3D projector. Connect up to four devices (such as a game console, DVD/Blu-Ray Player, PC, Satellite/Cable Box, etc.) to the HDMI IN ports at the back of the 3D-Bee.

Connect the 3D-Bee power cable from the DC jack to a 100-240V 50/60Hz AC power outlet. Power on all devices in this order: your 3D-Bee, your 3D TV and then your other devices. Use the Source button on the remote to switch inputs and use the 3D button to turn on the 3D conversion. Find more remote instructions below.

POWER-ON SCREEN: Press **SOURCE** to select the desired input for display on the screen. To accept the license and exit the power-on screen press either the **<PREV** or **NEXT>** button. Press the **NEXT>** button to configure the 3D-Bee for side-by-side output, the format used by most 3D TVs. Press the **<PREV** button to configure the 3D-Bee for frame-sequential mode, a format used by common 3D projectors. If you want to change your 3D output format, power off the 3D-Bee and power it back on and then select the desired mode at the power-on screen.

ON-SCREEN DISPLAY (OSD):



OSD text appears on top left corner of screen for 5 seconds when using 3D-Bee remote control.

3D-Bee Remote Control Buttons

SOURCE: This button cycles through the four input sources attached to the 3D-Bee. Both the LEDs on the 3D-Bee's face and a number on the on-screen display (OSD) will indicate which input you have selected.

3D: This button activates the 3D preset mode and allows you to select one of the six 3D presets to best match the content and your taste. The default 3D preset mode after power up is *Movie+*. Use the **<PREV** and **NEXT>** button to move through the 3D preset modes. The name of the selected preset is shown on the screen. The six presets are: *Movie*, *Sports*, *Gaming*, *Movie+*, *Sports+* and *Pop-out.*

The *Movie* preset positions everything behind the screen and has a depth setting of 3 out of 11. This setting is very easy on the eyes and can be watched comfortably for

extended periods. The *Sports* setting uses the same depth setting as *Movie*, but offers more pop-out. The *Gaming* preset puts everything behind the screen for easy viewing for extended periods and extends the depth to enhance environmental engagement. The *Movie+* setting offers some pop-out and enhanced depth. The *Sports+* is similar in pop-out to *Movie+* but with less depth. This gives more realistic proportions that are desirable for watching sports. The *Pop-out* preset puts much of the 3D rendering in front of the screen with mid level depth enhancement.

Preset:	Screen Position:	Depth Volume:
Movie	Step 0	Step 3
Sports	Step 5	Step 3
Gaming	Step 0	Step 5
Movie +	Step 6	Step 6
Sports +	Step 5-6	Step 4
Popout	Step 8-9	Step 6

2D/BP: Press **2D/BP** to exit 3D or 3D+ mode. It puts the converter in bypass mode; all input video is output without conversion. Select this mode if you want to watch the video content in 2D or if the video content is already in 3D.

3D+: The **3D+** button puts the converter in the advanced 3D mode. When in 3D+ mode, each time you press the 3D+ button toggles the setting for adjustment between screen position "Z" (the amount of the scene that is in front of the screen) and depth volume "D". Two slider bars, one for screen position and another for depth volume display on the screen. The slider bar label "Z" or "D" for the parameter selected for adjustment is highlighted on the screen. Use the **<PREV** and **NEXT>** buttons to reduce or increase the parameter value. The minimum setting for screen position displays images behind the screen and maximum setting displays images popping out of the screen. The minimum depth volume setting has reduced depth and the maximum setting has maximum depth enhancement.

When using a 720p projector, the depth and pop-out will appear about 30% greater than when viewed on a 1080p screen. Therefore, you may prefer a lower setting on 720p screens than on 1080p screens.

<PREV and **NEXT>:** When in 3D mode these buttons cycle through presets. When in 3D+ mode these buttons adjust depth and pop-out. When at the power-on screen these buttons will select frame-sequential versus side-by-side format.

Trouble-shooting

Feel free to search for help on our web site at http://www.3D-Bee.com/support/

TERMS OF LICENSE

This 3D-Bee is licensed for personal home entertainment, restaurants and eating venues, school classrooms, school conference rooms, corporate conference rooms and video conferencing.

This 3D-Bee is NOT licensed for 1) production of commercial media, 2) commercial broadcasts, 3) use in festivals or other public gatherings, 4) use in civil public or government venues, 5) use in venues with more than 30 viewers, 6) advertising or promotion. If you need expanded licensing please contact VEFXi for a special license. Please refer to http://www.3D-Bee.com/licenses for more information.

WARRANTY

For warranty please refer to http://www.3D-Bee.com/register

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The 3D-Bee incorporates HDMI technology.